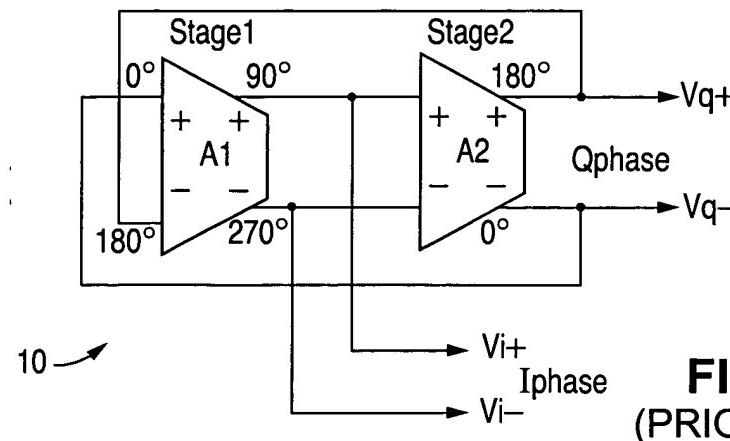


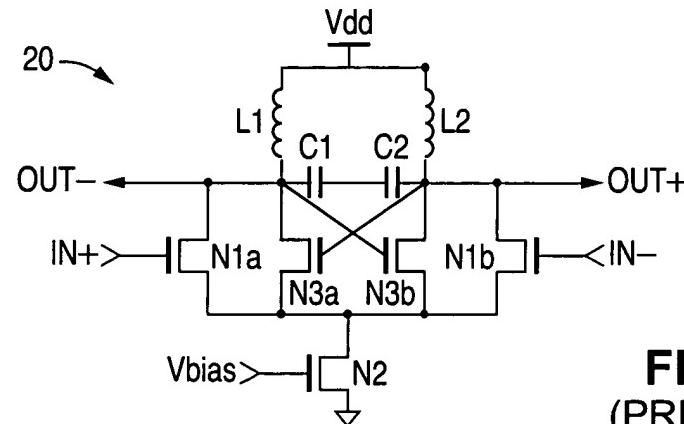


INDUCTIVE-CAPACITIVE (LC) BASED QUADRATURE VOLTAGE  
CONTROLLED OSCILLATOR (VCO) WITH DETERMINISTIC  
QUADRATURE SIGNAL PHASE RELATIONSHIP

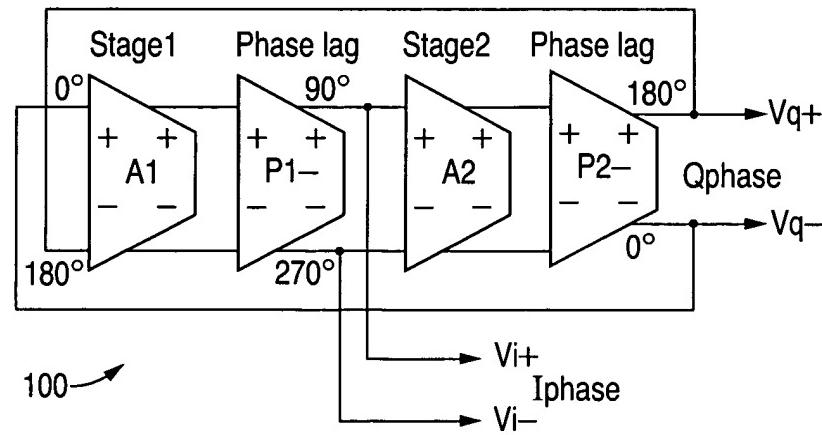
Inventor: Varadarajan Devnath  
Application No.: 10/734,357



**FIG. 1**  
(PRIOR ART)



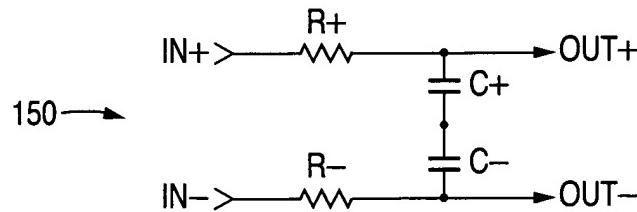
**FIG. 1A**  
(PRIOR ART)



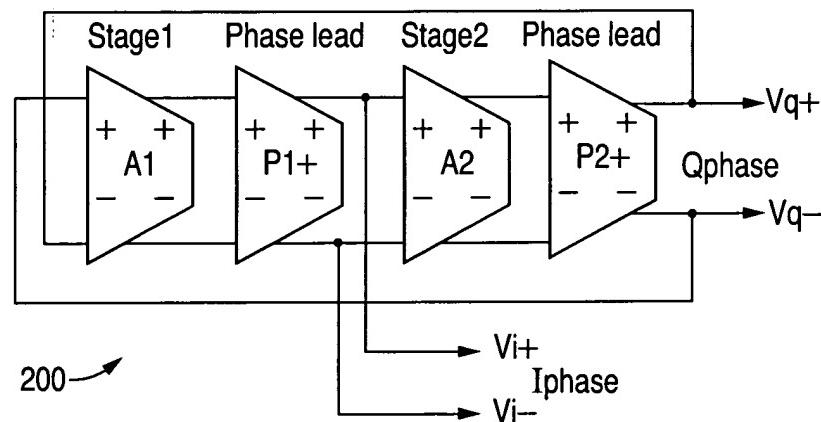
**FIG. 2**

INDUCTIVE-CAPACITIVE (LC) BASED QUADRATURE VOLTAGE  
CONTROLLED OSCILLATOR (VCO) WITH DETERMINISTIC  
QUADRATURE SIGNAL PHASE RELATIONSHIP

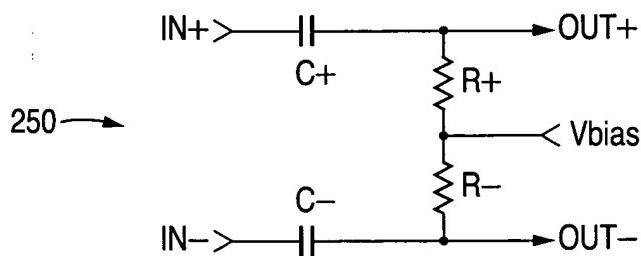
Inventor: Varadarajan Devnath  
Application No.: 10/734,357



**FIG. 2A**



**FIG. 3**



**FIG. 3A**